



— Y-12 BULLETIN

A Newspaper For Y-12 Employees of Union Carbide Corporation—Nuclear Division

Vol. 22 — No. 25

OAK RIDGE, TENNESSEE

Wednesday, June 26, 1968

New Fall-Out Shelters Now Available To Y-12 Employees

Some new procedures on the air attack plan have been announced by H. N. Benninghoff, civil defense director in Y-12.

Upon the determination by appropriate national authorities of the North American Air Defense Command that an actual attack against our country has been detected, the warning message will be disseminated over the National Warning System.

New shelters have been provided in the Y-12 area, and a complete list of shelter directors has been made available.

Civil defense personnel still advise that there is not an ample supply of shelter space in Y-12 for the general public. In case an attack came during work-hours, it is suggested that only employees try to use facilities inside the plant.

Shelter space has been revised inside Y-12 now which will accommodate 4,911 people against the 2,610 that were originally provided for. In contrast, ORNL has space for 12,000 people . . . ORGDP has space for 30,000. So, indeed, the general public from Oak Ridge or surrounding areas would go to X-10 or K-25 for shelter space if they did not use space available in town.

Shelter areas in 9201-1 and in

the basement of 9204-4 are sensitive areas. That is, only cleared personnel may use space in these two buildings. Uncleared people, however, may use the space in 9201-2, 9201-3 and 9204-1 and 9204-3. The basement of 9731, accommodating some 273 people, has been added also. Alpha four and five buildings have been deleted from the space available. Supplies have been put in all the new shelter areas.

Austere Living

The shelters are provided with federal and local supplies for austere living for the population quota for a period of 14 days. The protection afforded would safeguard the people in the shelters from radioactive fallout which would follow a nuclear attack.

Shelter area managers are listed as: 9201-1 . . . W. G. Butturini, J. L. Gamble, W. E. Wampler, J. H. Rose, R. E. Bohanan; 9201-2 . . . L. S. Hawk, E. J. Tullos, H. E. Patterson, J. L. Waters and H. C. Nichols; 9201-3 . . . J. R. Day, E. V. Larmoyeux, L. H. Boyd, K. E. Prater, O. M. Blackwell, J. C. Thomason, C. B. Tolliver, R. W. Brothers; 9204-1 . . . C. R. McGinnis, A. B. Townsend, C. R. Harris, and J. H. Marquiss; 9204-3 . . . J. M. Seivers, R. D. Ellingson, J. F. Warner, W. L. Beeler, J. P. Smith, R. T. Cantrell, and W. C. Brantley; 9204-4 . . . M. Sanders, K. G. Kahl, H. G. Simerly, G. W. Evans, J. C. Bishop, and H. N. Benninghoff; 9731 . . . J. L. Brown, J. H. Schoemaker, and Corum Scott.

The take cover alarm is the up and down wail of the air alert signal. The constant alarm designates that local disasters such as floods, firestorms, earthquakes, tornadoes, etc., exist in the area.

Employees Have Option

Plant personnel are still given the option in case that immediate action is demanded of going home or remaining in the shelters in the plant. It is not advisable for families to join Y-12ers in the shelters, since, as it has been pointed out, space is limited here.

Shelter areas are identified by a 24-inch yellow-orange bulls-eye located at the building shelter entrance. Additional markers within the building are used to direct employees to the actual shelters. Most of the air raid shelters are in basements, first floor levels

Continued on Page 4

More Promoted In Fabrication

A total of 14 promotions in the Fabrication Division is announced for July 1. Seven of these were reported in last week's Bulletin. The remaining foremen are covered in this issue.

James W. Baker is a native of Chickamauga, Georgia. He served in the U.S. Army from 1953 until 1955, and is a graduate of Summerville High School, Summerville, Georgia. He also attended the Bell House School, Knoxville.

Prior to 1951, Baker was farming. From 1951 until 1953 he was with the Holeproof Hosiery Mills, Marietta; from 1953 until 1957 with the Crystal Springs Bleachery; from 1957 until 1958 in service station work in LaFayette, Georgia; and from 1958 until 1959 with the Barwick Mills, in LaFayette. His continuous service date in Y-12 is April 17, 1961.

Mrs. Baker is the former Margaret Scott. The Bakers have four children, James T.; and daughters Jackie, Robin and Loretta . . . the first three in school in Kingston. They live at 112 Hillcrest, Kingston.

Baker says he likes to fish every chance he gets.

DONALD BRANSON

Donald Branson was born in his present hometown of Kingston. He graduated from Midway High School and was in the U.S. Army from 1952 through 1954.

He was employed in a service station in Kingston and at Burlington Mills, Harriman, before entering service. He came to Y-12 June 18, 1955, having previously worked here.

Don and his wife, the former Shirley Luther, live at Route 3, Kingston. They have two children Donald Gary and Karen Joan, at school in Kingston.

Don likes sports. You just name it and he's involved. His specialty at the present: umpiring little league baseball and bowling (he was bowling champ in Y-12 a couple of seasons back).

BILLY D. CANTRELL

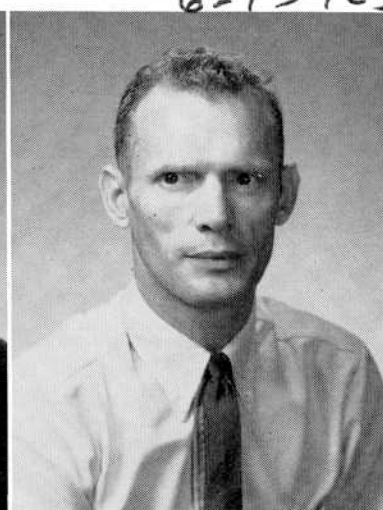
Billy D. Cantrell, a native of Clinton, resides there now at Route 1. He is a graduate of Norris High School and attended the Fulton Vocational Training Center. He came to Y-12 February 9, 1959.

Cantrell's early employment began in service station work, where he partially owned one in Knoxville and wholly owned his own in Clinton. From 1945 until 1949 he was a chemical operator at ORGDP, and from 1949 until 1950 was with Giffels and Vallet.

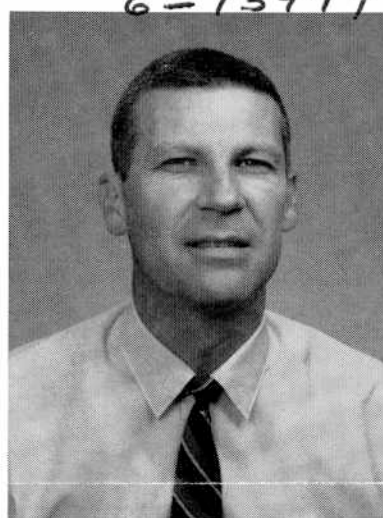
The new foreman's wife, the former Sarah Goans, is herself a former Y-12er. She resigned



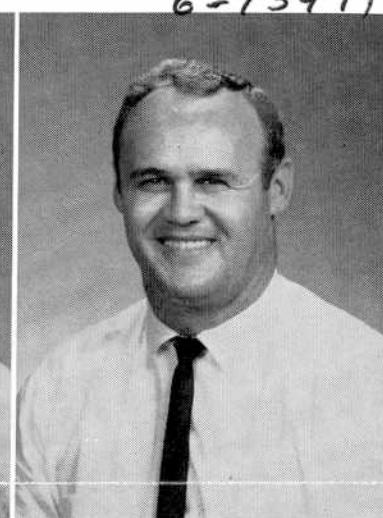
James W. Baker



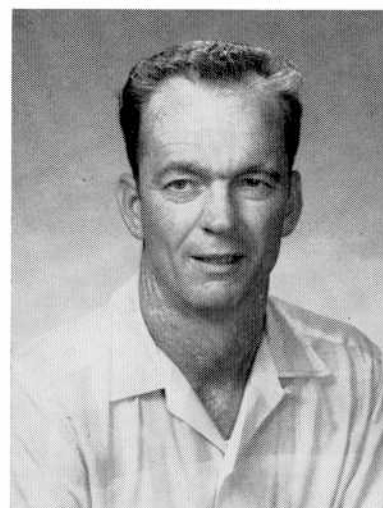
Donald Branson



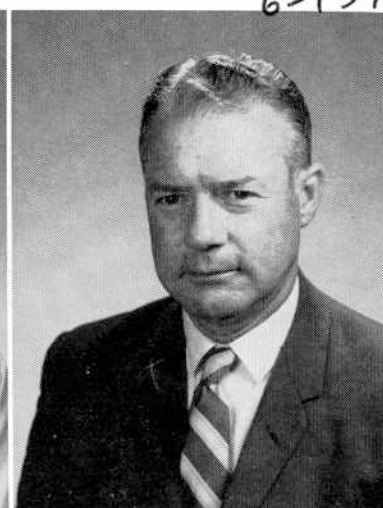
Billy D. Cantrell



Franklin D. Clayton



Elmer D. Folden



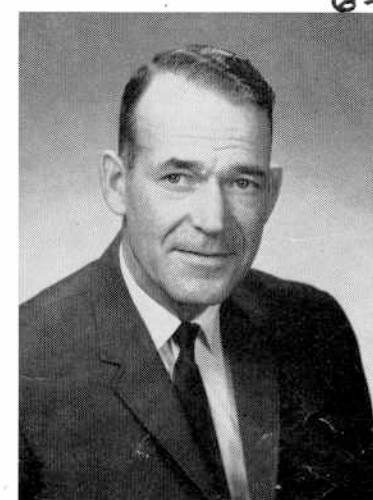
Hubert E. Parrott

from the Security Department back a couple of years ago when the couple decided to adopt a child. They now have two . . . Dail, three and Ann, 11 months.

FRANKLIN D. CLAYTON

A man of many talents is F. D. "Baldy" Clayton. A former professional football player (he played with the Huntsville Rockets and the Lakeland Brahams in the North American Football League), Clayton was born in Woodward, Alabama. He graduated from Oak Ridge High School and attended Castle Heights Military Academy. He also attended Memphis State University, Northeast Mississippi Junior College and Florida State University.

He was employed with Pratt and Whitney Aircraft in East Hartford, Connecticut; Oak Ridge Utilities, Chrysler Missiles (NASA) at Huntsville and at Cape Kennedy. He previously worked in Y-12 from 1960 until 1962 and returned July 17, 1967. Clayton lives at 57 Outer Drive.



James L. Scott

His wife is the former Carol Ann Lindsay and the couple has two children Cathrina Lynn and Frank L.

An avid sportsman, Clayton
Continued on Page 4

Fund Drive . . .

As the ground was broken last week, heralding the beginning of construction on the East Tennessee Children's Hospital in Knoxville, Y-12 reported last Friday outstanding results in the drive in the plant thus far.

Jim Warner reports, with approximately 94 per cent of the plant's salaried employees, a total of \$42,000.

B. W. Hensley reports about 49 per cent of hourly paid employees reporting thus far, with more than \$24,640 in.

This totals \$65,500! with more to come.

Final reports will be made available this week end and published next week in the Bulletin.

Hensley also reports 100 per cent giving in three shops . . . 9808 pump shop; 9766 machine shop; and the G-3 shop in 9998. Guards gave in excess of \$1,000 with five unreported cards still outstanding.



ANOTHER GROUP IN Y-12 jumped ahead of fellow employees a few months ago and contributed money to the East Tennessee Children's Hospital Building Fund. The current drive, which ends the last of this month in Y-12, was preceded by the International Chemical Workers Union, Local 252, with a gift of \$75. Of course, this does not come anywhere near representing what the local has pledged thus far in the campaign.

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
93 Days Or
2,740,000 Man-Hours
(Unofficial Estimate)
Through June 23
Without a Disabling
Injury
Safety At Home
At Work, At Play

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNG Editor

Member Appalachian
Industrial
Editor's
Association

American Association Industrial Editors

OFFICE
Post Office Box Y
Oak Ridge, Tenn. 37830
Telephone 3-7100



Mr. and Mrs. Charles R. Floyd

FLOYD-SLAUGHTER

The Freewill Baptist Church, Oak Ridge, was the scene of the marriage of Miss Delma Jo Slaughter and Mr. Charles R. Floyd. The marriage was performed Wednesday, June 12, at 9 a.m. by the Reverend Jerry Fields.

The bride is the daughter of Mr. and Mrs. Carl Slaughter, 130 Lancaster Road, Oak Ridge. Her father is in Y-12's Casting Department. The groom is the son of Mr. Horace R. Floyd, Oak Ridge, and Mrs. Lester Watson, Athens, Tennessee. His father is also in Y-12, in the General Machine Shop.

The bride chose a dress of street length, pure white with overlace sleeves. Her shoulder length veil of illusion was held by a bow matching her gown. She carried a bouquet of carnations and white rosebuds.

Miss Kathy Jago was the bride's maid of honor and Walter Pike was the groom's best man.

After a wedding trip to Gatlinburg, the couple is at home at 100 Cahill Lane, Oak Ridge.

The bride is a graduate of Oak Ridge High School. The groom graduated from McMinn County High School and attended the East Tennessee Vocational Technical School, Athens. He is in Y-12's Environmental Control Engineering.



Mr. and Mrs. Edward M. Ingram

INGRAM-BARGER

The Pine Ridge Baptist Church, Sugar Grove Valley, was the scene of the June 8th wedding of Miss Martena Ann Barger and Mr. Edward Michael Ingram. The Reverend J. Frank Boston, pastor, performed the 8 p.m. rites.

The bride is the daughter of Mr. and Mrs. Charles Richard Barger, Route 2, Harriman; and the groom is the son of Mr. and Mrs. Austin C. Ingram, Oliver Springs.

Organ music was provided by Mrs. Wanda Todd, and Don Young, vocalist sang.

The bride was given in marriage by her father and chose for her wedding a gown of organza and re-embroidered Alencon lace over satin, styled with an Empire bodice, flared elbow-length sleeves trimmed with the lace and bateau neckline. The detachable train was caught at the waist in the back with a bow. Her elbow-length veil of English illusion was attached to a cap of organza and matching lace petals. She carried a crescent bouquet of white pom-poms centered with a white orchid.

Mrs. Ernest Harris, Harriman, was matron of honor, and bridesmaids were Miss Sharon Deaton and Miss Pat Miller, also of Harriman. Miss Teresa Cross was flower girl, and Terry Barger, the bride's brother, was ringbearer.

Mr. William Ingram, brother of the groom, Atlanta, Georgia, served as best man and ushers were Jimmy Barger, brother of the bride, and David Francis, Oak Ridge. Junior attendants were Michael and David Barger, brothers of the bride.

A reception honored the couple in Fellowship Hall after the ceremony.

The bride is a graduate of Oliver Springs High School. She also attended the University of Tennessee and was graduated from the Harriman MDTA Secretarial School. She is employed in Y-12's Material Control Department.

The groom also graduated from Oliver Springs High School and is now attending Tennessee Technological University, Cookeville, where he is a member of the varsity football squad.

TORCH BEARERS

A famed authority on Africa was asked once if it were true that lions would not attack a person if he carried a torch.

"Absolutely," replied the authority, "especially if he carries it real fast."

G. W. Carter, Mary Fields, Jim Thorpe And J. D. Padgett Are June Retirees

June retirements include George W. Carter, General Machine Shop; Mary K. Fields, Laundry; James D. Padgett, Process Maintenance; and James R. Thorpe, Alpha Five Processing. All have elected early retirements save Carter.

George W. Carter was born in Smithville, down in Dekalb County. His early life was spent on a farm at Silvey Point, and in 1936 we went with the Tennessee Valley Authority, working on Douglas, Cherokee and Chickamauga Dams. In 1943 he worked with Hercules Powder Company, Chattanooga, until coming to Y-12 January 20, 1944.

Mrs. Carter is the former Gladys Jones, and they have one son James, recently returned to his Knoxville home from Ft. Riley, Kansas.

Florida vs. Arizona

Carter has not formulated definite retirement plans . . . intends to look around possibly in Florida or Arizona for a likely settling down place. He presently lives at Stillmeadow Lane, Route 20, Knoxville.

Mrs. Mary K. Fields, nee Hall, was born in Spring City, Tennessee. A quick tabulation last week revealed that she had sewn more than 250 miles of seams since coming here more than 24 years ago.

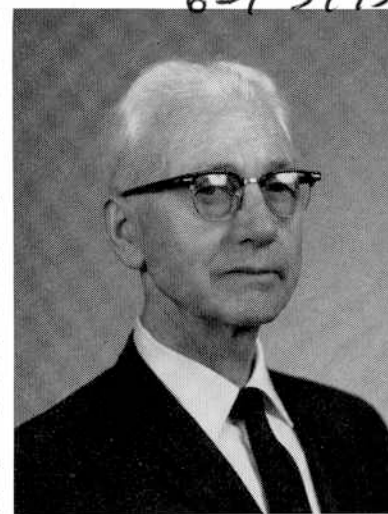
Mrs. Fields lives on her two-acre place between Oliver Springs and Harriman. One of her sons Harold lives with her. She has two other sons William, Harriman; and Melvin, Cedar Springs, Michigan. Her six daughters are Lucy Foster, and Mildred Rothe, Grand Rapids, Michigan; Helen Crowe, and Theda Jones, both of Oliver Springs, Shirley Kirby, Baltimore; and Nadine Bagwell, Claxton. She also boasts 18 grandchildren, and 12 great grandchildren.

For past time she gardens and raises flowers at her home, Route 2, Harriman.

Somerset Native

James D. Padgett, who has elected early retirement from Maintenance, is a native of Somerset, Kentucky. He worked there in laundry and dry-cleaning work until 1937 when he went with Southern Railway, in Somerset, Spartanburg, South Carolina, and Knoxville. He came here October 6, 1954.

Mrs. Padgett is the former Geor-



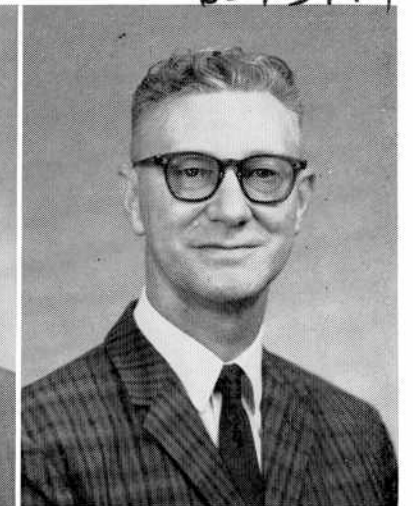
George W. Carter 6-13975



Mary K. Fields 6-13974



James D. Padgett



James R. Thorpe

gia Burklow and they have a son Stanley M. Anderson, also a grandchild.

Padgett says he likes to fish and is returning to his native Somerset to spend his retirement days.

The Padgetts already own their lived at 173 Manhattan, Oak place in Somerset. They have Ridge, until recently.

Red Cross Worker

James R. Thorpe, Alpha Five Processing, is moving to Florida upon his retirement. Both Jim and his wife Christine (formerly Mason) are active Red Cross disaster service workers. Mrs. Thorpe has participated in clean-up work after hurricanes in Florida, Louisiana, and other places.

Their home is at 731 West Vanderbilt Drive, Oak Ridge, but will

be 137 104th Avenue, Treasure Island, near St. Petersburg.

They have one daughter Patricia Nielsen, who has two children Debra and Douglas.

Prior to coming here March 1, 1944, Thorpe was with Remington Arms Corporation, a division of du Pont, Denver from 1942 until 1944; with the Continental Baking Corporation, 1941-42 and with the City of Englewood, Colorado, in 1940. From 1934 until 1940 he was in the oil business for himself, and from 1932 until 1934 with the Hall Baking Corporation.

He is a native of Denver.

All four of June's retirees leave pleasant memories behind in Y-12 and take with them the best wishes of all their fellow employees.



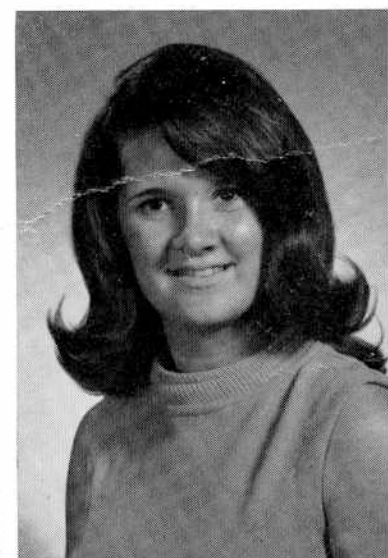
SMITH-STOUT

Mr. and Mrs. Cecil W. Smith, Route 3, Concord, announce the engagement of their daughter, Miss Judy Faye Smith, to Sgt. Billy J. Stout, son of Mr. and Mrs. McKinley Houk Jr., Knoxville.

The bride-to-be is a recent graduate of Karns High School. She plans to attend the Tennessee School of Beauty. Her father is in the Biology Division.

The groom-elect is a graduate of Bearden High School, and is presently serving with the U.S. Air Force in Turkey.

The wedding is planned when Sgt. Stout has finished his tour of duty in Turkey.



Miss Judy Faye Smith

JUST DESSERTS

In Berlin, a woman admitted killing her husband, because, as she put it, "they couldn't afford a divorce."

Don't Keep Key In Auto's Ignition

Few people would leave a mink coat lying on a public sidewalk, but thousands park their \$3,000 autos leaving keys in the ignition and the doors unlocked. The result of this carelessness is often car theft which can lead to an auto accident. A recent Department of Justice survey found that three out of five stolen cars had the ignition unlocked or had keys left in the ignition switch.

Yeshiva's Truran Guest At Physics Seminar

Friday's Physics Division seminar is announced with the subject of "Formation of ⁵⁶Ni in Supernova Shock Waves." Speaker will be James W. Truran, Yeshiva University.

The seminar is set for Friday, June 28, at 3:15 p.m. in the East Auditorium of ORNL's 4500 building.



MIKE DOANE, son of Darrel Doane, number 7, played end for the Northwest Midgets team in Knoxville this past season. The Midgets sported a very handsome record of nine wins, and only one loss. They were also second place runnersup in the football league.

72-Par Card Gives Wallace Hills Low To Jim Pugh!

Jim Pugh showed Y-12 golfers how to play the Wallace Hills course Saturday, by paring the Blount County 18. His 72 was low among the 158 golfers who showed up for the big tournament.

J. D. Collins and C. M. Cheek tied for handicap honors . . . each shooting 69. Other low handicap greensmen were J. D. Brown and D. F. "Red" Leach with 70's each. Other scratch lows saw Bill Grubb and Jim Vance turn in 76 scores. Carl Dorr, Cotton Thomas and Bill Hamill all carded 77's.

Coy Harrell and Jim George each had 13 pars . . . but J. D. Robertson had the most with 16 big ones.

SECOND DIVISION

Benny Crass took honors in the second flight, scoring a one-over-par 73. Other scratch lows went to C. C. Ruckart, D. G. Lincoln and Charles Baxter, all with 81.

Handicap honors went to Ken Cook, who scored a 67. Other winners were Bill Butturini, Roy Roberts, Jack Gresham, Robert Forseman, all with 69.

Joe Garber, Sewell Brown and Virgill Lovell all scored nine pars.

THIRD DIVISION

J. T. Parker was the big hero of the third flight . . . scoring an 83. Scratch scoring in the "Little Joe" division saw Gordon Hill score 85, W. R. Harvey 86; and Richard Loveless and Jack Smiddy, each with 88.

Handicap scoring gave honors to Walter Goodwin, 66; Carl Nelson, 69; A. E. Burger and Marcus Dupee, each with 70.

Bill Sise and Walt Simmons took seven pars in the third flight.

FOURTH DIVISION

A low gave fourth flight honors to R. E. Gray, who eagled the four-par 305-yard #13.

Fred Wetzel scored a 94 . . . C. H. Pride, 95; and Bobby Carter a 97 to get their names in lights. Handicap honors went to George Buxton, with a 68. E. K. Cotton-gim scored a 70; G. R. Bentley, 72; and L. A. McDonald, 74.

Most pars went to Tom W. Compton, five . . . while Ray Ellis and F. M. Lobello each scored four.

July's tournament is set Saturday, the 20th, at Springbrook, Niota.

You'uns come.

Two Teams Tie In Horseshoe Lead

Two teams now are tied in the Horseshoe League as pitchers got down to the diggings last week.

The Kendig-Raper team moved up in standings by blanking the Young-Holsopple pair for the full nine points. Taking eight was the Wyatt-Hensley team over Hutton-Tillery. Winnings five were Case-Miller over Gray-Copeland and Durham-Bailey past Reed-Stephens.

League standings follow:

Team	W	L
Gray-Copeland, ORNL	19	8
Case-Miller, ORNL	19	8
Kendig-Raper, Y-12	17	10
Durham-Bailey, ORNL	15	12
Reed-Stephens, Y-12	14	13
Wyatt-Hensley, Y-12	13	14
Hutto-Tillery, ORNL	8	19
Young-Holsopple, ORNL	3	24

TAKING IT LITERALLY

The manager of a large business in Texas bought a number of "Do It Now" signs. He destroyed them, however, after the cashier skipped with \$20,000, the accountant eloped with the secretary, three clerks asked for raises, and the office boy joined the Navy.



20 YEARS AGO, THIS WAS THE CHAMPION Softball team in the plant . . . the Bums. Sports fans in the plant say that the present team, the White Sox are remnants of the old Bums team. The White Sox enjoy the cellar position right now in standings. (Oh, well, nobody's getting any younger!) The players standing in the back row, from left, are Kenneth Brown, O. W. Patrick and Jack Garland (all in the Materials Department); Isom Hall, (who left here November 3, 1948); Townes Curtis, Materials; and Wayne Rogers, Maintenance Division. In the front row kneeling are J. L. Frances, deceased, Ray Rinehart, ORGDP, J. C. Duguay, no longer in Y-12; Andy Anderson, retiree who still plays ball; L. A. Walton, Maintenance; R. H. Evans, Materials; J. L. Hammon, manager, deceased. The young boys in front are Jimmy Duguay, Dayle Hall and D. R. Walton.

Melton Links Race Rests With 2 Teams

The Hamby-Braden pair and Wright-Stewart still sport unblemished records in the Melton Hill Golf League.

H-B took Clabough-Nobles last week for the full count of six, and the Wright-Stewart team clobbered Morehead-Poly.

Winning four were John-Tiller over Carter-Jones; Alvey-Phillips over Winstead-Ferguson, and winning six were Holly and Tilley over Parker-Parrott. The Rogers-Thompson, Butler-Stinnett match saw each team earn three.

Herman Stewart fired an even par 36 for low score of the week. Harold Alvey fired a 32 handicap score . . . a low in that count.

League standings follow:

Team	W	L
Hamby-Braden	18	0
Wright-Stewart	18	0
Winstead-Ferguson	14	4
Johnson-Tiller	10	8
Alvey-Phillips	9	9
Rogers-Thompson	9	9
Clabough-Nobles	9	9
Carter-Jones	8	10
Holly-Tilley	6	12
Butler-Stinnett	4	14
Poly-Morehead	1	17
Parker-Parrott	1	17
Brown-Gresham	11	1
Bell-Burris	2	10



GARY SCOTT HAMPTON, born May 17, is held by his grandfather C. F. Phillips, Receiving Department. Gary is the son of Mr. and Mrs. Gary Hampton, Cleveland, Ohio, where his father is stationed with the U. S. Army. The grandparents live at Route 5, Clinton.

Braves-Colts Duel Set Tomorrow

It looks as if the Braves and Colts are going to fight it out right down to the wire to the game set tomorrow night between the league leaders. Both teams boast a no loss record thus far.

Monday's action began as the big Braves beat the Eagles 16 to 3 . . . Jim Shoemaker, John Evans and Ted Hatcher all poled homers for the Braves. The Eagles earned nine hits, but also pulled nine errors.

The Pirates pulled one out of the fire in the final inning 7 to 6 to overcome the Big Shop team also Monday afternoon.

The Big Shop's Ralph Gibson gained the only homer of the game . . . Fred Manning tripled.

White Sox Win Big

The final play came Monday as the White Sox opened up all their guns, downing the Beta Two Shop team 22 to 13. Practically everyone on the Sox team homered . . . Jim Hylton (twice), Herb Reynolds, Bill Stanton, and Bob Grogan.

Tuesday the Cardinals discarded the Bat Boys 20 to 3 in a lopsided affray . . . the Cardinals scoring 10 runs in the third inning.

Jim Batch and Ted Burger were the big heroes . . . Burger gaining a four-bagger and a triple . . . Batch a homer and a double.

Colts Win Again

Tuesday's second game saw the Colts clobber the Gashouse Gang 16 to 1 . . . in no contest at all. Jim Treadwell, Jerry Howard, Steve Cates and Ralph Clough all homered for the big team from K-25.

Final action Tuesday pitted the All Stars against the J-Birds, the All Stars winning 22 to 13. Paul Williams, Jimmy Davis and Bob Waters (two) all homered for the winners . . . Frank Gether and Ken Dungan for the losers.

Thursday (with clear skies still prevalent over the area) opened with the Braves battling the UCC All Stars down to the line 7 to 1. Jim Shoemaker homered . . . John Evans tripled.

The big Y-12 Eagles soared over the Bat Boys in the second game 12 to 5. Don Ferree and Hugh

Recreation



calendar

Monday, July 1

GOLF: Melton Hill League, after work, Melton Hill, Clinton.

GOLF: Southwest Point, after work, Southwest Point, Kingston.

SOFTBALL: Beginning 6:15 p.m. Pinewood Park. K-25 Colts vs. Cardinals; Beta Two vs. Eagles; White Sox vs. J-Birds.

PHYSICAL FITNESS: (Women) 7:30 p.m. Oak Ridge High School Girls' Gym.

Tuesday, July 2

PHYSICAL FITNESS (Men): 7:30 p.m. Oak Ridge High School Gym.

PISTOL LEAGUE: 6:15 p.m. Oak Ridge Sportsmen's Association.

SOFTBALL: Beginning 6:15 p.m. Pinewood Park, Bat Boys vs. Braves; Pirates vs. UCC All Stars; Big Shops vs. Gashouse Gang.

Thursday, July 4

INDEPENDENCE DAY: Holiday for Y-12ers.

Sunday, July 7

SKEET TOURNAMENT: 1 p.m. Oak Ridge Sportsmen's Association.

Richards homered for the winning combo.

The K-25 Colts kept their perfect record by invading the territory of the Pirates, downing them 21 to 11. John Keith and Bart Simcox homered for the big team.

On the losing squad it was Baldy Clayton with a homer . . . Ernie Collins with a big triple.

League standings follow:

Team	W	L
Y-12 Braves	9	0
K-25 Colts	9	0
Eagles, Y-12	6	2
Pirates, Y-12	6	2
UCC All Stars, Y-12	6	4
K-25 Gashouse Gang	5	4
Big Shops, Y-12	3	5
Cardinals, Y-12	3	5
J-Birds, K-25	2	5
Bat Boys, Y-12	2	7
White Sox, Y-12	1	8
Beta Two, Y-12	0	8

INDESTRUCTIBILITY

U.S. Savings Bonds are "indestructible"—any Bond lost, stolen or destroyed will be replaced by the Treasury at no cost to the Bond owner.

Hamill-Plemons Lead S.W. Point

The Groppe-Argo team wrestled six points from the Pryson-Ellis pair for the only swamp of the week in the Southwestpoint Golf League.

Winning five was the Ludwig-East duo over Mee-Wright. Posting four were the Trues over Goodwin-Tuell and Garber-Huddleston over Hamill-Plemons (Robertson subbing for Plemons).

Bill Hamill fired low scores of the week . . . 37 handicap, 42 scratch.

League standings follow:

Team	W	L
Hamill-Plemons	16	8
Ludwig-East	15	9
A. True-T. True	14	10
Groppe-Argo	14	10
Pryson-Ellis	13	11
Mee-Wright	10	14
Garber-Huddleston	7	17
Goodwin-Tuell	5	19

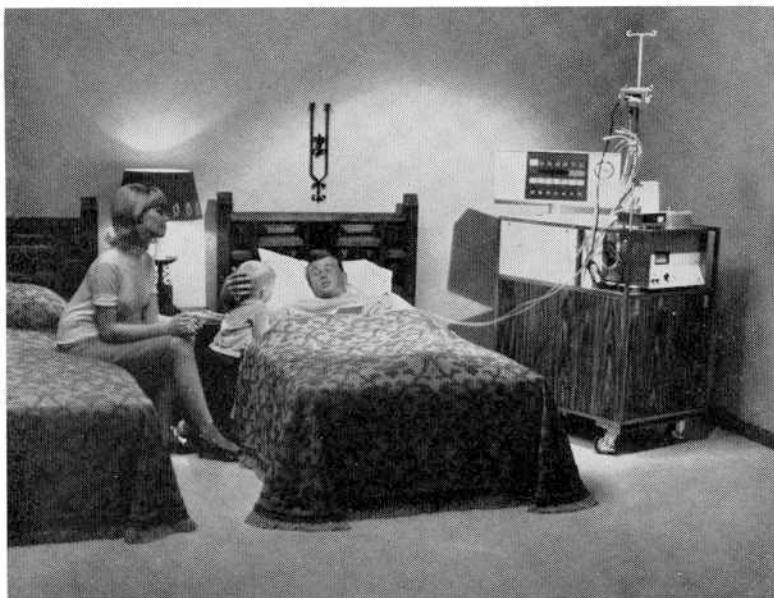
More Skills Needed By '75 In Economy

Despite sweeping advances in automation, the Bureau of Labor Statistics predicts that the U.S. economy in 1975 will need an additional one million engineers, 645,000 technicians in various fields, 120,000 chemists, 60,000 systems analysts, 50,000 mathematicians, 20,000 economists, 20,000 geophysicists, 10,000 biochemists. Between 1968 and 1975, the physical volume of U.S. gross national product should expand at a rate of about 4.3 per cent per year, according to McGraw-Hill figures. Measured in terms of 1967 dollars, GNP should top \$1 trillion in '75—nearly 30 per cent over the 1967 mark. During the next seven years about 9 million new workers will join the nation's employed labor force. Advancing technology will cut back the length of the average workweek by more than an hour and will increase output per man-hour by three per cent per year. The chemical industry is expected to grow at a faster rate than the rest of the economy in the '70s, and will need more technicians and more researchers with Ph.Ds. Chemical companies will have to scramble to land their share of talent.

Kastenbaum Continues Statistics Lectures

The Statistics and Probability lectures continue. Next Monday, July 1, M. A. Kastenbaum will speak on "Confidence Regions."

The lecture is set for Monday, 9 a.m. in the Central Auditorium in ORNL's 4500 building. The series will continue through August 12.



AN ARTIFICIAL KIDNEY MACHINE, such as may be used in the home of the future, is shown in use by a patient with a chronic kidney ailment. Artificial organs and organ transplants and their moral and ethical implications are discussed in "Man-Made Man," an episode of "The 21st Century" to be broadcast Sunday, June 30, at 6 p.m., EDT, in color over the CBS Television Network. The program is carried locally by WBIR-TV, Channel 10, and is sponsored in the public interest by Union Carbide Corporation.

Award-Winning 'Man-Made Man' To Be Repeat On '21st Century' Show June 30

"Man-Made Man," an episode of "The 21st Century" for which CBS News won the 1968 Albert Lasker Medical Journalism Award, will be seen again Sunday, June 30 at 6 p.m., EDT, in color on the CBS Television Network. The program will be carried locally by WBIR-TV, Channel 10. CBS News Correspondent Walter Cronkite is principal reporter for the program, sponsored in the public interest by Union Carbide Corporation.

The broadcast, written by Fred Warshofsky, science editor of "The 21st Century," projects many possibilities for the use of artificial organs and organ transplants to replace worn-out human parts. Confirming these projections, great strides have been made since the episode was written and first broadcast, and still more are confidently expected even before the twenty-first century.

Lynn Perry Honor Grad At ETSU



Lynn Perry, R.N.

A salute to Miss Lynn Perry, daughter of John (Inspection Engineering), and Anna (Laboratory Operations) Perry.

Lynn was graduated cum laude from East Tennessee State University June 7 with a BS degree in nursing.

She is presently employed as a registered nurse at the Holston Valley Community Hospital, Kingsport.

The Lasker Award was presented to CBS News by Mrs. Lyndon B. Johnson. During the presentation ceremony, the First Lady said that, if news media can help bridge the information gap that keeps the fruits of medical research from many Americans, "the gains will be beyond measure."

Touching on philosophical issues, leading medical researchers on "Man-Made Man" discuss some of the ethical questions raised by replacement and transplant surgery.

Isaac Kleinerman is producer of "The 21st Century," and Burton Benjamin is executive producer.



Ride wanted or will join car pool from Albany Road, Oak Ridge, to Central Portal, straight day. William Holt, plant phone 3-5845, home phone Oak Ridge 483-8887.

Will join car pool from South Purdue, Woodland section, Oak Ridge, to Central Portal, straight day. J. N. Robinson, plant phone 3-7477, home phone Oak Ridge 483-0348.

Will join car pool from Crestwood Hills, west end of Knoxville, to North Portal, straight day. John Gerwel, plant phone 3-7583, home phone Knoxville 584-1045.

New Badges In Racks Tomorrow In Exchange

Tomorrow, June 27, will see the summer badges in the racks at all of Y-12's portals.

The new badges in the quarterly exchange will have solid blue bottom edges. They will be in the portals until the 11 p.m. shift, Wednesday, July 10. No yellow bottom badges will be honored by the guards after that date.

TO BE OR NOT TO BE

A woman, answering a questionnaire put out on a bank loan application, came to the blank marked age. "Age, if you don't mind telling it," the blank read. "It's not telling, I mind," she replied, "it's being it."



"Sumer is icumen in, Lhude sing cuccu!" Also ehude singeth several Y-12ers who observe important landmarks with Union Carbide Corporation. Congratulations.

25 YEARS

Alvin K. Bissell, SS Warehousing and Shipping, July 1.

Charles C. Evans, Guard Department, July 1.

20 YEARS

George W. Oliphant, Maintenance Division, June 28.

Earl D. Seagle, Research Services, June 28.

James L. Watkins, Research Services, June 28.

George L. Howard, Buildings, Grounds and Maintenance Shops, June 30.

Leon T. Coleman, Buildings, Grounds and Maintenance Shops, July 2.

Rufus R. Deathridge, Area Five Maintenance, July 2.

15 YEARS

Earl W. Leach, Alpha Five Processing, June 28.

Floyd W. Kyte, Process Maintenance, June 29.

Harvey C. Whitson, Process Maintenance, June 29.

Victor M. Hovis Jr., Metallurgical Development, July 1.

Ray N. Evans, Beta Four Heavy Machine Shop, July 2.

10 YEARS

Koleen W. Gentry, Superintendent's Division, June 30.

Eugene E. Worsham, General Machine Shop, June 30.

Promotions . . .

Continued from Page 1
plays softball, bowls, fishes, and you-name-it.

ELMER D. FOLDEN

Elmer D. "Red" Folden was born in Knoxville, and still lives there at 1926 Jackson Road. He came here April 4, 1954.

A veteran of the U.S. Army, Folden worked in and around Knoxville in a variety of jobs, lastly with Fulton Sylphon and the Fireproof Storage and Van Company, before coming here.

Mrs. Folden is the former Clara J. Kanipe . . . and they have two daughters, Kathy in West High School, and Terry and son Christopher, the latter in Ridgedale School.

The family enjoys camping and fishing, particularly in the nearby Smokies.

HUBERT E. PARROTT

Manring, Tennessee, near the Tennessee-Kentucky border is the birthplace of Hubert E. Parrott. He presently lives at Route 2, Jacksboro.

From 1938 until 1940 he was with the U.S. Army . . . from 1940 until 1942 with the Virginia Jellico Coal Company. From 1942 until 1945 he was again in the Army; returning to the Coal Company, working with them until 1948. Then he went with the Black Diamond Coal Company, and in 1951 went with the Atomic Energy Commission's Security Patrol. He came here August 17, 1953.

Mrs. Parrott is the former Geraldine Lambert . . . and the couple has two children . . . Hubert R., Knoxville and Sandra Rutledge, Madison, Wisconsin. They also have two grandchildren.

Fishing and hunting are the more important hobbies for Parrott.

JAMES L. SCOTT

James L. Scott, a native of Morristown, lives at 112 Salem Road. He came to Y-12 April 1, 1954.

Scott served in the Army from 1945 until 1945, worked with



UNION CARBIDE CORPORATION
NUCLEAR DIVISION
P. O. BOX Y, OAK RIDGE, TENNESSEE 37830

RETURN REQUESTED
(Do Not Forward—Return Postage Guaranteed)

BULK RATE
U.S. Postage
PAID
Oak Ridge, Tenn.
Permit No. 71

James Daughter Is Lenoir City Leader

Kathy James, daughter of Mr. and Mrs. W. M. James, 1304 West Second Avenue, has been named co-valedictorian at Lenoir City High School. She shares the honor with Priscilla Bright.

That two students would tie for top honors was called highly unusual by LCHS Principal Ed Osborne in making the announcement. "Especially," he added, "since we use a 12-point basis for computation instead of the four-point system used by many schools." Twelve points are given an A-plus, 11 for an A, 10 for an A-minus, etc.

Kathy has majored in social studies as well as mathematics and science while in high school. Her application has already been accepted for Nurse's Training at Ft. Sanders Presbyterian Hospital, after completion of which she plans to get an academic degree in nursing at the University of Tennessee. When her training is completed she hopes to volunteer for the Peace Corps.

Kathy has been a member of the Honor Society for three years, was named "Miss Freshman" and "Miss Sophomore," was a delegate to Girls State, and has been a member of the Student Council, the Math Club and the French Club. She is listed in the L'Ceon "Who's Who," and was voted "Most Courteous." She is a member of the First Baptist Church and enjoys reading, sewing and cooking.

At Class Night, Kathy gained further honors in taking the Balfour Award, the Readers Digest Award, third place in the Civitan award, National Honor Society scholarship, and the Pilot Club scholarship.

The Jameses have another child . . . a son Wesley at home. He is in the 9th grade at LCHS.

New Fall-Out

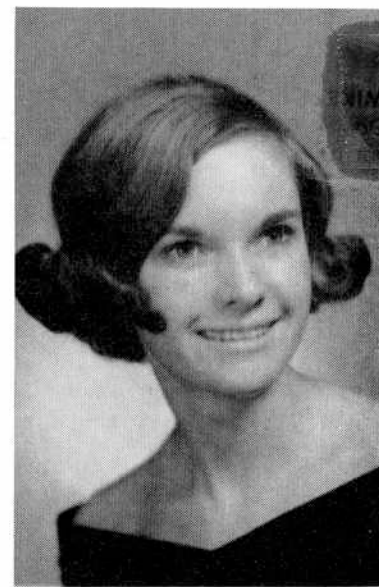
Continued from Page 1
and wind tunnels of existing buildings in Y-12.

Employees entering shelters are advised to bring whatever clothing they might have with them, reading material, candy bars, etc., radios that might be available, etc. It is emphasized that living in the shelters is strictly austere. Water, and a bare minimum of calories are provided to maintain life. No bedding and other luxuries would be provided in the shelters.

While it is sincerely hoped that the shelters will never be used, it is comforting to know that they are there just in case the need arises.

American Enka, at Lowland; the City Garage, Morristown, the Aluminum Company of America, Cleveland, Ohio; and Burke and Hodges, Morristown.

Mrs. Scott is the former Eutella French. They have two married daughters . . . Shirley Becher, Raleigh, North Carolina, and Patsy Sillers, an employee at ORNL.



Kathy James

Property Sales Sets Spot Bid

Property Sales announces a sealed bid sale, set for July 9. Included in the latest sale are used government vehicles, typewriters, calculators, adding machines and a statematic reprographer.

Items may be inspected from 8 a.m. to 4 p.m. Mondays through Fridays, at Warehouse 9929-1, off Bear Creek Road, west of Y-12. Bids will be closed at 2 p.m. Tuesday, July 9.

Additional information may be obtained by telephoning the Sales Office, extension 3-4601.

Carl Neal, Retiree, Died Tuesday, June 18

The plant sadly notes the passing of Mr. Carl M. Neal, who retired from Area Five Maintenance January 31, 1966. Mr. Neal died June 18.

Among his survivors is his son Ernest M. Neal, in Y-12's General Shop Job Liaison.



BRIGHT-EYED Kelly Michelle Davis, born January 25, is the daughter of Jerry and June Davis (Jerry is in Utilities Administration.) The Davises live at Route 3, Oliver Springs, and also have a son Scott, four.